

Converting Colors

RGB(120, 140, 171)

Have a look what the booklet for
RGB(120, 140, 171) contains.

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Color

RGB(120, 140, 171)

Conversions

Conversions Part 1

Format	Color
Hex	788CAB
RGB	120, 140, 171
RGB Percent	47%, 55%, 67%
CMY	0.5294, 0.4510, 0.3294
CMYK	0.30, 0.18, 0.00, 0.33
HSL	216°, 23%, 57%
HSV	216°, 30%, 67%
XYZ	24.4745, 25.6895, 42.1967
YIQ	137.5540, -21.8710, 5.4010

Conversions

Conversions Part 2

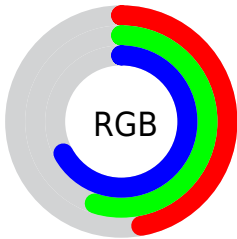
Format	Color
RYB	120, 134, 171
Decimal	7900331
CIELab	57.74, 0.25, -18.68
CIELCh	58, 18.677, 270.763
Yxy	25.6895, 0.2650, 0.2781
Android (android.graphics.Color)	4286090411 (0xFF788CAB)
YUV	137.5540, 16.4889, -15.3949
Hunter-Lab	50.6848, -2.5050, -13.8814

Details

The RGB color `120, 140, 171` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `171, 151, 120`, and the grayscale version is `137, 137, 137`.

A 20% lighter version of the original color is `173, 193, 226`, and `70, 90, 119` is the 20% darker color. If you saturate the color by 10%, you get `103, 130, 171`, and if you desaturate by 10%, it is `137, 150, 171`.

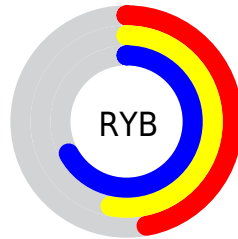
Distribution



Red (47%)

Green (55%)

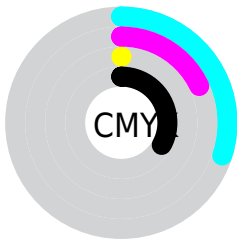
Blue (67%)



Red (47%)

Yellow (53%)

Blue (67%)

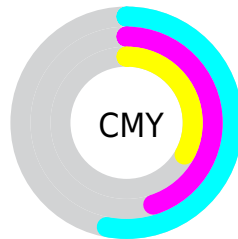


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 140, 171 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 120, 140, 171 by changing the saturation by 10% instead.

■ 120, 140, 171

255, 255, 255

■ 173, 193, 226

■ 201, 221, 255

■ 229, 250, 255

■ 120, 140, 171

■ 94, 115, 144

■ 70, 90, 119

■ 46, 67, 94

■ 21, 45, 70

■ 0, 24, 48

■ 0, 1, 27

■ 0, 0, 0

■ 120, 140, 171

■ 103, 130, 171

■ 120, 140, 171

■ 137, 150, 171

86, 119, 171

154, 161, 171

69, 109, 171

171, 171, 171

52, 98, 171

188, 182, 171

35, 88, 171

205, 192, 171

17, 78, 171

223, 202, 171

0, 67, 171

240, 213, 171

0, 67, 171

255, 223, 171

255, 234, 171

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101, 145, 167



120, 140, 171



142, 134, 167

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120, 140, 171



172, 128, 123



114, 146, 122

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



120, 140, 171



171, 151, 120

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



133, 143, 110



120, 140, 171



165, 132, 111

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120, 140, 171



171, 127, 139



151, 138, 106



99, 148, 139

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120, 140, 171



155, 131, 159



151, 138, 106



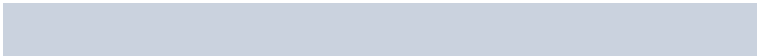
120, 145, 118

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



120, 140, 171



202, 210, 222



120, 171, 151



100, 105, 112



240, 240, 240



112, 112, 112

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120, 140, 171



142, 173, 222



125, 120, 171



78, 81, 87



0, 59, 150



0, 9, 23

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



171, 120, 140



222, 142, 173



166, 171, 120



87, 78, 81



150, 0, 59



23, 0, 9

Previews

White Background



This preview shows how the RGB color 120, 140, 171 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 120, 140, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

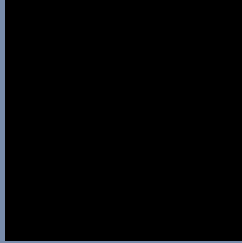
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

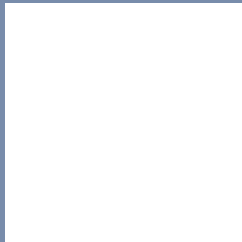
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 120, 140, 171 Background



This preview shows how black text looks on a background with the RGB color 120, 140, 171.

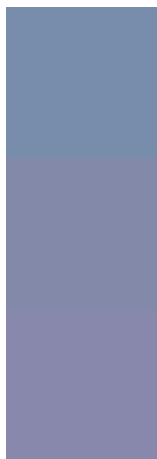


This preview shows how white text looks on a background with the RGB color 120, 140, 171.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


120, 140, 171

Protanopia

131, 137, 169

Deuteranopia

135, 136, 172



Tritanopia
116, 143, 154

Trichromacy



Original Color
120, 140, 171

Protanomaly
127, 138, 170

Deuteranomaly
130, 137, 172

Tritanomaly
117, 142, 160

Monochromacy



Original Color
120, 140, 171

Achromatopsia
138, 138, 138

Achromatomaly
131, 139, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 140, 171 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(120, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(120, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 171) }
```

Border

The CSS property to change the border of an element to RGB 120, 140, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 140, 171) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(120, 140, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(120, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 140, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 140, 171); box-shadow:4px 4px 4px 4px rgb(120, 140, 171) }
```

Background

The CSS property to change the background color of an element to RGB 120, 140, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(120,  
140, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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